

PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known	
Application Number	10/651,211
Filing Date	August 29, 2003
First Named Inventor	Seppo PYHÄLAMMI et al.
Group Art Unit	2713
Examiner Name	TBA
Attorney Docket Number	004770.00130

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WT		Application Serial No. 10/307,410, filed December 2, 2002	
WT		Application Serial No. 10/262,969, filed October 3, 2002	
WT		Application Serial No. 10/263,193, filed October 3, 2002	
WT		Application Serial No. 10/452,880, filed June 3, 2003	
WT		Application Serial No. 10/417,230, filed April 17, 2003	

Examiner Signature

Date Considered

12/18/06

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



113PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/15/2008. GPO 2007-090
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO U.S. TRADEMARKS		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/651,211
		<i>Filing Date</i>	August 29, 2003
		<i>First Named Inventor</i>	Seppo Phyälämmi, et al.
		<i>Art Unit</i>	2173
		<i>Examiner Name</i>	TBA
<i>Sheet</i>	1	<i>of</i>	1
		<i>Attorney Docket Number</i>	004770.00130

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Shee

Document Number

U.S. PATENT DOCUMENTS

DOCUMENTOS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² - Number ⁴ - Kind Code ⁵ (if known)				
WT		WO 02/057959 A	07-25-2002	Adobe Systems Inc.		

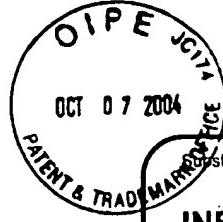
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WP		European Search Report of EP 04 10 4064.3 dated February 22, 2006.	

Examiner Signature		Date Considered	12/18/06
-----------------------	---	--------------------	----------

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **"Enter Office that issued the document by the two-letter code (WIPO Standard ST.3).**" For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **"Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible."** Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.68. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

***Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/651,211
Filing Date	August 29, 2003
First Named Inventor	PYHÄLAMMI et al.
Art Unit	2173
Examiner Name	TBD
Attorney Docket Number	004770.00130

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	H. H. - Z	Date Considered	12/8/06
-----------------------	-----------	--------------------	---------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



113PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

875AB250
Use for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> <p>Sheet 1 of 1</p>		<p style="text-align: right;">Complete if Known</p> <table border="1"> <tr> <td><i>Application Number</i></td> <td>10/651,211</td> </tr> <tr> <td><i>Filing Date</i></td> <td>August 29, 2003</td> </tr> <tr> <td><i>First Named Inventor</i></td> <td>Seppo Phyälämmi, et al.</td> </tr> <tr> <td><i>Art Unit</i></td> <td>2173</td> </tr> <tr> <td><i>Examiner Name</i></td> <td>TBA</td> </tr> <tr> <td><i>Attorney Docket Number</i></td> <td>004770.00130</td> </tr> </table>		<i>Application Number</i>	10/651,211	<i>Filing Date</i>	August 29, 2003	<i>First Named Inventor</i>	Seppo Phyälämmi, et al.	<i>Art Unit</i>	2173	<i>Examiner Name</i>	TBA	<i>Attorney Docket Number</i>	004770.00130
<i>Application Number</i>	10/651,211														
<i>Filing Date</i>	August 29, 2003														
<i>First Named Inventor</i>	Seppo Phyälämmi, et al.														
<i>Art Unit</i>	2173														
<i>Examiner Name</i>	TBA														
<i>Attorney Docket Number</i>	004770.00130														

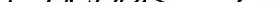
U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

		Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Examiner Initials ^a	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY			
WT		EP 1150215 A	10-31-2001	Canon		
WT		EP 1087307 A	03-28-2001	Canon		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

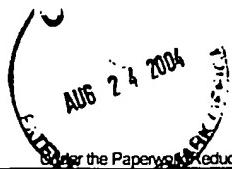
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WT		Partial European Search Report of EP 04 10 4064 dated December 7, 2005.	

Examiner Signature		Date Considered	12/8/06
--------------------	---	-----------------	---------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Document at <http://uspto.gov> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard 3.3). *For Japanese patent documents, enter indication of the year of the reign of the Emperor and precede the serial number of the patent document. *Kind of document, by the two-letter code (WIPO Standard 3.3). *For utility models, enter indication of the year of the registration and precede the serial number of the patent. If English language translation is attached, indicate by checkmark.

document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.¹ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTD-8189 and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449AVPTO

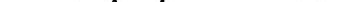
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>(Use as many sheets as necessary)</i>	
Sheet	1	of	1
		Application Number	10/651,211
		Filing Date	August 29, 2003
		First Named Inventor	PYHÄLAMMI et al.
		Art Unit	2173
		Examiner Name	Unassigned
		Attorney Docket Number	004770.00130

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	12/18/06
--------------------	---	-----------------	----------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **1** Applicant's unique citation designation number (optional). **2** See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **3** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **6** Applicant is to place a check mark here if English-language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.